



BANAGHER CONCRETE

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STADIA



Banagher Concrete's Precast Stadia System has been developed over the years through experience in dealing with leading Architects and Engineers in this field. We have proven time after time that precast concrete construction is by far the most efficient way to construct modern stadia. Our system has been developed through extensive experience and in conjunction with our South African Design Partners we have completed numerous national, international and Olympic Stadia projects.

We offer a full service in terms of the design, manufacture and construction of precast concrete stadia. State-of-the-art design and our advanced production procedures make Banagher Concrete's precast stadia components the construction material of choice. All the benefits of offsite, factory controlled fabrication and our expertise avoid the potential pitfalls and the steep learning curve associated with constructing complete precast stadium often in a short period of time.

Banagher Concrete's precast concrete stadia system will provide a number of key benefits to all project stakeholders, including the Client, the Contractor and the End User. These benefits include, but are not necessarily limited to;

- o Enhanced Durability
- o Enhanced Fire Resistance
- o Improved dynamic response, due to higher inertia and stiffness.
- o Optimized Construction programme, due to substantial reduction in number of individual structural elements and simplified connections.
- o Optimized production / fabrication process, due to high level of standardization and reduced number of elements.
- o Improved Aesthetics, due to quality of finish of precast elements in high strength self compacting concrete manufactured in steel moulds.
- o Minimization of design interfaces, clear delineation of responsibility and optimized design process
- o Capital Cost Savings.
- o Reduced impact on the environment with the embodied energy used to build the project and as a result the carbon footprint being much less compared with a steel frame structure.
- o This can be reduced even further with use of green concrete which contains a high percentage of recycled material.

The design flexibility offered by our precast system enables the unique features associated with every Stadium to be achieved. Our design team have the experience to offer complete precast solutions and alternatives to existing designs providing modal and frequency analysis to develop the most efficient and cost effective design.



PRECAST CONCRETE SPECIALISTS

